Contents	Reference to last Measurement
7	8

AEE/KSD/SBR/9/13-14 dt 29/5/13

Recorded on: 1/5/13

M.A. [redacted] le 116)

M[redacted] Book No. A/10 193224

Serial No. III^rd and Final Bill.

Name of work. improvement to Road From drains from NO.7 to Takkan Kaveel Road in ward no 7.

Name of Contractor of nature of Agency M/s Satya Construction

Date of commencement of work. EST Cost Rs 150.00 Lakhs.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	JOB NO: 007-12-000036.						
	AS NO: JC/4/71/2011-12						
	TS NO: CE/BTP/4L/76/11-12						
	WORK ORDER NO: CE/BTP/BBMP/E.TND/23/12-13.						
	(1). clearing and grubbing Road land including uprooting rank vegitation grass bushes shrubs spalling and Trees up to 300mm by manual means in Area & disposing Jungle Removal & stumps disposal of unserviceable materials stacking of serviceable materials within a lead						

MEASURE ...OK

Date	Full description, etc, of work	Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	of 100mt from Road Cotion	Boundry. etc		complete as per specifi-			
	previus The Qty Recorded in this M.B P.No 193203. D.No1 - previous Qty 3896.06 Sq.mt present Qty Nil - 00 @ Rs 6/sq m					Amt	——
2)	E.W. Excavation for foundation of building, culverts W.S Sanitary line and Electrical conduits either in Pits or in Trench 1.5m and above in width in H.SOIL not Exceeding 1.5m depth including lead lift loading etc complete as per specification previous Qty in this M.B. P.No 193203 D.No(2) previous Qty = 1478.67 cmts present Qty - Nil @ Rs 190/cmts					Amt	——

M.A.

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Numbe
1	2	3
3)	providing and laying P... down size graded grav... layer not Exceeding 15 cm and plinth including co... previous Qty Recorded D.No(3) Qty = 24... present Qty - Nil	
4)	providing and Remov... propping etc Removed q... as well at any thickness	

K

Depth 6	Contents 7	Reference to last Measurement 8
te as per specifi-		
203.9.NO1 -		
96.06 Sq mt		
vill - 00		
	Amt	———
ng, culverts w/b		
ller in pits or in		
soil and Excavi		
loading etc		
3203 9.NO(2)		
478.67 cmt		
vill		
h	Amt	———

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Measurement Book

No. A/10

193225

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
3)	providing and laying pcc @ Mix 1:4:8 using 40mm and down size graded granite metal Machine Mixed laid in layer not Exceeding 15cm thick well compacted in Foundation and plinth including cost of material labour etc complete						
	previous Qty Recorded in this MB vide P.NO 193204.						
	9.NO(3) Qty = 243.55 Cmt						
	present Qty - nill — @Rs 8400/cmt					Rs	———
4)	providing and Removing Centering Shuttering propping etc Removed & work vertically Surface Inclu as well at any thickness including attached						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	plinth of all materials labour etc complete Qty Recorded in this MB vide P.No 204 S.No 4 present Qty = 4 x 160 x 0.5				Qty 5438.37 + 320.00 Totaly 5758.37 Rft - 5438.37 Balance Qty 320.00 Sqft @ Rs 190.00/Sqft		Rs 60,800=00
5)	providing and laying in pcc of CM 1:11/2:3 with 20 mm and down Size graded granite metal Machine Mixed Conrete laid in layer not Exceeding 15cm thick vibratted for all types in foundation plinth and ground floor level etc complete as per Specifications etc Complete						

Serial No.....

Name of work.....

Name of Contractor of nature of Agen

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Qty Recorded in th
6)	providing HYSD Cutting bending ho welding where ever and anchoring thi Specifications

epth 6	Contents 7	Reference to last Measurement 8
le		
d.No 4		
5438.37		
+ 320.00		
5758.37 Rt		
4438.37		
20.00 Sat		
Rs		60,800 =00
i3 with 20		
Machine		
15cm thick		
and ground		
n etc		

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 193226

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Qty Recorded in this MB vide P.WO. 193205 S.No (5) Qty = 373.21 cmt present Qty Nil - @ Rs 5170/cmt					Rs	———
6)	providing HYSD Steel for RCC work including straightening cutting bending hooking, placing in position lapping and welding where ever is required tying with binding wire and embracing the adjoining member etc complete as per Specification						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	previous Qty Recorded in this MB p.no 193206 I.no (6) Qty = 260.68 Cmtr present Qty — Nil — @ Rs 5780/cmtr					Rs	
7)	providing and constructing pcc Solid Blocks with Compressive Strength not less than 35 Kg/Sqm with CM 1:4 Masonary Cols closer blocks with Solid Blocks of Size 40x40x20cm Conforming ISI Cost & Material and labour etc Complete. previous Qty Recorded in this MB p.no 193206. I.no (7) Qty = 56.00 Sqmt present Nill - @Rs 600/Sqmt					And	

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work
1	2
8)	providing Flush po Store Masonary with co & depth 20mm Cmeli Complete. previous Qty Reco
	pres
9)	providing pcc Co Qty Recorded in t

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
p.no	193206	d.no (6)	
Qty = 260.68 Sqmtr			
— Nil —			
		Rs	———
pcc Solid Blocks			
than 35 Kg/sqm with			
ocks with Solid Blocks			
ng ISI Cost &			
te.			
this MB p.no 193206.			
Sq mt			
600/Sqmt		And	———

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 193227

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
8)	providing Flush pointing to Salvage Rubble course Stone Masonary with cm 1:3 20 mm deep after Raking Joints & depth 20mm including Cost & all material Labour etc Complete.						
	previous Qty Recorded in this MB p.no 193206. d.no (8)						
	Qty = 75.0 Sq mt						
	present Qty Nil — @ Rs 65/Sq mt						
9)	providing pcc Cost covering slab.						
	Qty Recorded in this MB p.no 193207 d.no (9)						
	Qty = 870.00 Sq mt						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	present Qty - Nill -						
	@Rs 1200/Sqm					Amt	
10)	providing and fixing pre cast Concrete Kerb stone Made out of 1:2:4 and finished with CM 1:3 plastering and finishing complete.						
	previous Qty Recorded in this MB P.No 193 2080 No					Qty 2525. No	
	(10)					+ 986.0	
	present Qty					Totaly 3511. No	
				Deduct P. Qty		- 2525.0	
				Balance Qty		= 986. No	
	@Rs 250/No					Rs	2,46,500=00

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work	
1	2	
11)	E.W. Excavation and	F
	in layer not Exceedin	
	layers & Removing wat	
	Specifications	
	previous Q	
	previous Qty IInd Bill	

h	Contents 7	Reference to last Measurement 8
	Amt	
rb stone 3 plastering		
	1932080·NO	
	2525·NO	
	+ 986·0	
	3511·NO	
	− 2525·0	
	986·NO	
	Rs	2,46,500=00

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Measurement Book

No. A/10 193228

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
11)	E.W. Excavation and filling of sides of foundations upto plinth in layer not Exceeding 20cms in depth comparting earth, depressing layers & Removing watering with hand etc complete as per Specifications						
	previous Qty Recorded in this M.B. No 1932080·NO (11).					Qty 208.77	
	previous Qty II Bill Qty Recorded P.No 193210					Qty 2708.96	
						Totaly 2917.73	
	present Qty - Nill.						
	@ Rs 175/cut					Amt	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
12)	providing M.S. Gratings as detailed Specifications and direction of the Engineer Incharge						
		50 NO	@ Rs 750/NO			Rs	37,500-00
13)	Scarifying and bituminous surface dressing in pre Mix carpet including picking up Scarifying Mati -als stacking material with in a lead of 100mt by Manual Means including cost & all material, Labour etc previous Qty Recorded in this MB P.NO 193211. and (13).					Qty :	3450.00 Sq
	present Qty -Nill- @ Rs 17/Sq m					Rs	
14)	E.W. Excavation By Manual Means in Hard soil involving average horizontal throughs upto 2m and an Avg						

Serial No.....

Name of work.....

Name of Contractor of nature of Ag

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	lift up to 0.5mt neatly dressed lu & clods etc compl
15)	providing laying rigid wet Mix M lu Materials wit Carriage & Mix

Depth 6	Contents 7	Reference to last Measurement 8
cations and		
	Rs	37,500=00
ing in pre		
arifying Mate		
nt by Manual		
ur cte		
3211.9 Nos (13).		
= 3450.0 Sqm		
	Rate	———
cost involving		
d an Avg		

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193229

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Lift up to 0.5 mt Excavated Surface levelled and Sides neatly dressed the disposed earth to be levelled after breaking clods etc complete						
		1	345.0	11.30	0.20	779.70 cum	
		@ Rs 77/cum				Rs	57,779=00
15)	providing laying and compacting graded stone aggregate wet Mix Macadam Specification including premixed the Materials with water at one in Mechanical Mix plant Carriage of Mixed Material by Tipper at site laying						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	paver in Cub base Coarse on well prepared surface and Compacting with vibrator.						
	previous Qty Recorded in this MB p.no 1932 11. sl no (15).						
			Qty			1579.83 cmt	
	present Qty from						
	ch 572 to 610.	1	30.0	11.10	0.20	66.60	
	592 to 850	1	10.0	11.10	0.20	22.20	
	612 to 738.50	1	30.0	11.30	0.20	67.80	
		1	30.0	11.30	0.20	67.80	
		1	30.0	11.30	0.20	67.80	
		1	30.0	11.30	0.20	67.80	
		1	6.50	11.30	0.20	14.69	
				Total Qty		1954.52 cmt	

Serial No.....

Name of work.....

Name of Contractor of nature

Date of commencement of wo

Date	Full description, etc, of
1	2
	Total Qty Exe
	Qty as per Ten
	Balance
	"
16)	providing and
	10 Sqm for Surf
	over prepared
	70 of any ot

Depth 6	Contents 7	Reference to last Measurement 8
d surface		
D.NO (15).		
1579.83 cmt		
.20	66.60	
.20	22.20	
.20	67.80	
.20	67.80	
.20	67.80	
.20	67.80	
.20	114.69	
	1954.52 cmt	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193230

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Total Qty Executed As per Measurement =				1954.52 cmt		
	Qty As per Tender put Qty and claimed Qty =				914.25 cmt		
	Balance Reserved Qty = 1040.27 cmt.						
	present paid Qty will @ Rs 1040/cmt					Rs	
16)	providing and applying prime coat from 7.5 to 9.80 kg per 10 Sqm for Surface of Low and Medium porosity Respectively over prepared Surface of Granular base with cut backs Re 70 of any other bitumen Mixed with Diesel at Qty						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for 10 sqm based heated in boiler Executing cleaning of Road Surface including of all materials labour T&M of Machinaries complete as per Specifications. . previous quantity Recorded in this MB vide p.no 193213. Item no (16) .						
				Total Qty		6504.80sqm	
	present Quantity from ch 572-612	1	30.0	11.10	–	333.0sqm	
	592-850	1	10.0	11.10	–	111.0	
	612 to 738.50	1	30.0	11.30	–	339.0	
		1	30.0	11.30	–	339.0	
		1	30.0	11.30	–	339.0	
		1	30.0	11.30	–	339.0	
		1	6.50	11.30	–	73.45	
				TOtal		8378.29sqm	

Serial No.....

Name of work.....

Name of Contractor of nature of Age

Date of commencement of work....

Date	Full description, etc, of work
1	2
	TOtal Quantity on C
	Claimed Qty put to T
	Total Reserve
17)	providing app
	topped Surfac
	in boiden fitted
	materials labour

K

Depth 6	Contents 7	Reference to last Measurement 8
ting cleaning		
labour H&M		
tions. .		
dep. no 193213.		
	6504.80 Sqm	
–	333.0 Sqm	
–	111.0	
–	339.0	
–	339.0	
–	339.0	
–	339.0	
–	73.45	
	8378.29 Sqm	

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193231

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Total Quantity as Executed =			8378.29 Sqmt			
	Claimed Qty put to Tender =			5002.50			
	Total Reserved Balance Qty =			3375.75 Sqm			
	@ Rs 72/Sqm					Amt	———
17)	providing applying Tarus coat on the prepared black topped Surface at 5 Kg per 10 Sqmt heating bitumen in boiler fitted with Spray Set including cost of all materials labour etc complete as per Specifications						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	previous Quantity Recorded in this MB vide p.no 193217. o.no (17)				Qty	6466.40 Rs	
	present Quantity	1	30.0	11.10	–	333.00	
		1	30.0	11.10	–	111.00	
		1	30.0	11.30	–	339.0	
		1	30.0	11.30	–	339.0	
		1	30.0	11.30	–	339.0	
		1	30.0	11.30	–	339.0	
		1	30.0	11.30	–	339.0	
		1	6.50	11.30	–	73.45	
				Totaly		8339.85 Rs	
	Deduct previous Qty					6466.40	
				Balance Qty		1873.45 Rs	48710-00
	(as 26/8 qm)						

Serial No.....

Name of work.....

Name of Contractor of nature of Agenc

Date of commencement of work.....

Date	Full description, etc, of work
1	2
18)	providing and lay plant producing an A Crushed aggregate c Transported to site le complete as per drei previous Qty Record present Qty =

Contents 7	Reference to last Measurement 8
0	
6466.40 Cum	
333.00	
111.00	
339.0	
339.0	
339.0	
339.0	
73.45	
339.858 Cum	
466.40	
73.458 Cum	
Rs	48710 =00

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193232

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
18)	providing and laying B.M. 50mm thick with hot mix plant producing an Avg out put of 7.5 Tons per hrs using Crushed aggregate of specified grading with bitumen binder Transported to site laid over previous prepared surface etc complete as per specifications						
	previous Qty Recorded in this MB p.no 193215 S.no					(18)	
					Qty	325.24 Cum	
	present Qty =	1	30.0	11.10	0.05	16.65	
		1	10.0	11.10	0.05	5.55	
		1	30.0	11.30	0.05	16.95	
		1	30.0	11.30	0.05	16.95	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.0	11.30	0.05	16.95 cub	
		1	30.0	11.30	0.05	16.95	
		1	6.50	11.30	0.05	3.67	
					Totally	418.91 cub	
	Deduct previous Quantity					- 325.24	
					Balance Qty	93.67 cub	
					@ Rs 5575/cub	Rs	5,22,224=00
19)	providing and laying SDBC of 25mm thick with TPH batch type producing an Avg output 75 tones per hrs using crushed aggregate Specified grade premixed with bituminous binder 4.5 to 5%. Transporting Hi hot Mix plant to work site for Hydraulic paver Furnish with Sensor grade level and alignment Rolling with						

Serial No.....

Name of work.....

Name of Contractor of nature of Agency.

Date of commencement of work.....

Date	Full description, etc, of work
1	2
	Smooth Roller etc co previous Quantity Re J.NO (19). present Qty

Contents 7	Reference to last Measurement 8
16.95 cubic	
16.95	
3.67	
18.91 cubic	
25.24	
3.67 cubic	
Rs	5,22,224=00
with TPH	
per hrs	
mixed	
the hot	
er furnish	
king with	

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10 193233

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Smooth Roller etc complete as per specifications				193219.		
	previous Quantity Recorded in this M.B.P.No				Qty	162.62 cubic	
	J.No (19).						
	present Qty	1	20.0	11.10	0.025	8.33 cubic	
		1	10.0	11.10	0.025	2.78	
		1	30.0	11.30	0.025	8.48	
		1	30.0	11.30	0.025	8.48	
		1	30.0	11.30	0.025	8.48	
		1	30.0	11.30	0.025	8.48	
		1	6.50	11.30	0.025	1.64	
					Totally	209.46 cubic	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
			Total Qty = 209.46 cubm				
	Deduct previous Qty		= -162.62				
	Balance Qty		= 46.84 cubm				
	@ Rs 7210/Brass					Rs	3,37,716=00.
20)	Road Marking with the applied thermoplast compound with Reflecting glass Beads on Bitumen Surface providing and laying hot compound with 2.5mm thick including Reflecting to Exposed Surface and free from streaks and not complete as per Specifications						
		4	590.0	0.10	-	236.0 Sqm	
		4	126.50	0.10	-	50.60	
					Totally	286.60 Sqm	
	@ Rs 430/Sqmt					Rs	1,23,238=00

Serial No.....

Name of work.....

Name of Contractor of nature of Agency...

Date of commencement of work.....

Date	Full description, etc, of work
1	2
21)	painting two coats of Enamel paint on approved Surface with materials
22)	Carriage of Mixed
	Qty is same as 20.

	Contents	Reference to last Measurement
	7	8
	cubic	
	cubic	
	Rs	3,37,716=00.
	ent compound	
	face providing	
	luding	
	streaks	
	236.05 Sqm	
	50.60	
	286.60 Sqm	
	Rs	1,23,238=00

M.A.R. 57 (Rule 116)

Measurement Book No. A/10 193234

Serial No.....

Name of work.....From.....To.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
21)	painting two coats after filling the surface with Synthetic Enamel paint an approved shade on new plastered Concrete Surface with materials labour complete as per specifications						
		2	590.0	0.45	—	531.0 Sqm	
		2	40.0	0.45	—	36.0	
		2	126.50	0.45	—	113.85	
					Totally	680.85 Sqm	
			@ Rs 45/ Sqmtr			Rs	30,638=00
22)	Carriage of Mixed Materials up to 10 Kms						
	Qty is same as d. no. (21) and item no (14)						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	i/c	Item no (2) p.no 193221 - 1799.92 cub					
		Item no (14) p.no 193229 - 779.70					
					Totally	2579.62 cub	
	Qty limited to 2229.13 cub @ Rs 81/cub					Rs 1,80,560=00	
						Totally 16,45,665=00	

Certificate:- (1) This is to Certified that the work as to be Completed
(2) This is to Certified that the no Deposits in work & not
(3) This is to Certified that the Work is in BB Hpdist

Bhuvaneshwari JE
Asst. Engr
15/13

R. Sathish
AEE
CBPC

Serial No .....
Name of .....
Name of ature of Ag
Date of c t of work...

Date	etc, of wor
1	

1645666

ಮೊತ್ತ ರೂ 2

ಮೊತ್ತ 1425192=00

ಲೆಕ್ಕಾಧಿಕಾರಿಯವರು